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Review activities: ARMY - ME, AV
 NAVY - AS
 DSC - CS

User activities:

		FED. SUP CLASS 4730
<p>(a) MARK EACH WRENCH PAD WITH AN EQUILATERAL TRIANGLE TO DENOTE PRECISION TYPE. MARKING SHALL BE DEPRESSED .025 ± .010.</p> <p>MATERIAL: STEEL; ALUMINUM ALLOY; CORROSION RESISTANT STEEL (CRES); TITANIUM ALLOY; BARS, SHAPES, OR FORGINGS (SEE PROCUREMENT SPECIFICATION).</p> <p>FINISH: SEE PROCUREMENT SPECIFICATION.</p> <p>NO CODE LETTER IN PART NUMBER FOR STEEL.</p> <p>ADD D IN PLACE OF DASH FOR ALUMINUM ALLOY (EXCEPT 7075-T73).</p> <p>ADD J IN PLACE OF DASH FOR CRES, TYPE 304.</p> <p>ADD K IN PLACE OF DASH FOR CRES, TYPE 316.</p> <p>ADD S IN PLACE OF DASH FOR CRES, TYPE 347.</p> <p>ADD T IN PLACE OF DASH FOR TITANIUM ALLOY.</p> <p>ADD W IN PLACE OF DASH FOR 7075-T73 ALUMINUM ALLOY.</p> <p>TITANIUM IS NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.</p> <p>EXAMPLE OF PART NUMBERS:</p> <p>MS24401-8 - ELBOW, 1/2 TUBING, STEEL.</p> <p>MS24401D8 - ELBOW, 1/2 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73).</p> <p>MS24401J8 - ELBOW, 1/2 TUBING, CRES, TYPE 304.</p> <p>MS24401K8 - ELBOW, 1/2 TUBING, CRES, TYPE 316.</p> <p>MS24401S8 - ELBOW, 1/2 TUBING, CRES, TYPE 347.</p> <p>MS24401T8 - ELBOW, 1/2 TUBING, TITANIUM ALLOY.</p> <p>MS24401W8 - ELBOW, 1/2 7075-T73 ALUMINUM ALLOY.</p> <p>BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.</p> <p>DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: FRACTIONS +1/64.</p> <p>IN ADDITION TO THE SAMPLING REQUIREMENTS OF THE PROCUREMENT SPECIFICATION, THE SURFACE OF THE CONE ENDS ON 100% OF THE ELBOWS OF A LOT SHALL BE INSPECTED.</p> <p>FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.</p> <p>REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.</p>		
(D) DENOTES CHANGES		
P.A. AIR FORCE - 99 (D) Other Code AIR FORCE - 99	TITLE ELBOW, TUBE, 90°, PRECISION TYPE	MILITARY STANDARD MS 24401
PROCUREMENT SPECIFICATION MIL-F-5509	SUPERSEDES: -AN001- (D)	SHEET 1 OF 2

DD FORM 672-1 Limited Coordination

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

4730-F281

APPROVED 6 MAR 58 REVISED (A) 10 FEB 67 (B) 16 JUN 78 (C) 25 APR 79 (D) 16 APR 82

FED. SUP CLASS
4730

DASH NO.	TIRING	THREAD T (REF)	Q +3/64 -0	R RAD	U RAD	V	W APPROX	X APPROX	Y +3/64 -0
1	1/8	5-16-24UNJF-3A	49/64	5/32	1/16	5/16	5/16	3/16	51/64
2	3/16	1/8-24UNJF-3A	53/64	3/16		3/8		1/4	55/64
3	1/4	7/16-20UNJF-3A	57/64	7/32		7/16	3/8		15/16
4	5/16	1/2-20UNJF-3A	61/64	1/4		1/2	1/2	5/16	1
5	3/8	9/16-18UNJF-3A	1- 1/16	9/32	3/32	9/16			1- 1/8
6	1/2	1/4-16UNJF-3A	1- 1/4	3/8		3/4	5/8	7/16	1- 5/16
7	5/8	7/8-14UNJF-3A	1-29/64	7/16		7/8	3/4		1-33/64
8	3/4	1-1/16-12UNJ-3A	1-21/32	17/32		1-1/16	7/8	1/2	1-23/32
9	1	1-5/16-12UNJ-3A	1-13/16	21/32	1/8	1-5/16	1-1/16	5/8	1-15/16
10	1-1/4	1-5/8-12UNJ-3A	2- 1/16	13/16		1-5/8	1-1/4	3/4	2- 3/16
11	1-1/2	1-7/8-12UNJ-3A	2-21/64	15/16		1-7/8	1-7/16	7/8	2-41/64
12	1-3/4	2-1/4-12UNJ-3A	2-13/16	1- 3/8	3/16	2-1/4	1-3/4	1-1/16	2-15/16
13	2	2-1/2-12UNJ-3A	3- 1/16	1- 1/4	1/4	2-9/16	2	1-3/16	3- 1/4

APPROVED 6 MAR 59 REVISED (D) FOR CHANGES SEE PAGES 1 & 2. 16 Apr 82

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PROCUREMENT SPECIFICATION MIL-F-9509	SUPERSEDES: AN921 (D)	SHEET 2 OF 2

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